

WHAT IS CLAIMED IS:

1. A multilayered structure resin molded product comprising a core layer and a skin layer, wherein said resin molded product is molded using a pulverized resin material, which is formed by pulverizing a molded product molded from a thermoplastic resin material, as a resin material for forming said core layer, and a virgin material as a resin material for forming said skin layer.
2. The product according to claim 1, wherein said resin molded product is a part selected from the group consisting of an external part, housing part, and constituent part of an apparatus selected from the group consisting of an office apparatus, electric apparatus, and information communication apparatus.
3. The product according to claim 1, wherein the resin material for forming said core layer is obtained by pulverizing a resin molded product of a part selected from the group consisting of an external part, housing part, and constituent part of an office apparatus.
4. A method of manufacturing a multilayered structure resin molded product comprising a core layer and a skin layer, wherein molding is performed by setting a viscosity of a resin material for forming the core layer, which is injected into a cavity of a mold for molding the resin molded product, to be lower than that of a resin material for forming the skin layer.
5. A method of manufacturing a multilayered structure

- resin molded product comprising a core layer and a skin layer, wherein a pulverized resin material formed by pulverizing a molded product molded from a thermoplastic resin material is used as a resin material for forming
- 5 the core layer, a virgin material is used as a resin material for forming the skin layer, and molding is performed by setting a resin temperature of the resin material for forming the core layer to be higher than that of the resin material for forming the skin layer.
- 10 6. A method of manufacturing a multilayered structure resin molded product comprising a core layer and a skin layer, wherein molding is performed by setting, during injection, an injection volume per unit time of a resin material for forming the core layer to be larger than
- 15 that of a resin material for forming the skin layer.
7. The method according to claim 6, wherein the resin material for forming the core layer is formed using a pulverized resin material, which is obtained by pulverizing a molded product molded from a thermoplastic
- 20 resin material, as a raw material.
8. A method of manufacturing a multilayered structure resin molded product by injecting a resin material for forming a core layer and a resin material for forming a skin layer into a mold, wherein the resin material for
- 25 forming the core layer is formed using a resin material, which is obtained by pulverizing a resin molded product molded from a thermoplastic resin material and setting

the size of the pulverized resin material to a predetermined size, as a raw material.

9. The method according to claim 8, wherein the multilayered structure resin molded product is a part  
5 selected from the group consisting of an external part, housing part, and constituent part of an image forming apparatus.

10. The method according to claim 8, wherein the size of the pulverized resin material to be used as the core  
10 layer resin material is set to not more than 10 mm.

11. A method of manufacturing a multilayered structure resin molded product by injecting a resin material for forming a core layer and a resin material for forming a skin layer into a mold, wherein after a predetermined  
15 volume of the resin material for forming the skin layer is injected, a resin material for forming the core layer, which is obtained by pulverizing a molded product of a resin material, and a virgin resin material for forming the skin layer are simultaneously injected, and the  
20 virgin resin material for forming the skin layer is injected again.

12. A method of manufacturing a multilayered structure resin molded product comprising a core layer and a skin layer, wherein molding is performed by setting, when a  
25 resin material for forming the core layer and a resin material for forming the skin layer are simultaneously injected, an injection volume per unit time of the core

layer resin material to be larger than that of the skin layer resin material.

13. The method according to claim 8, wherein the resin material for forming the core layer is formed using a  
5 material obtained by pulverizing the same type of a resin molded product, molded from a thermoplastic resin material, as the skin layer resin material.

14. The method according to claim 8, wherein the pulverized resin material to be used as the resin  
10 material for forming the core layer is not heated in a step before the pulverized resin material is melted to be injected into the mold.

15. A method of manufacturing a multilayered structure resin molded product comprising a core layer and a skin  
15 layer, wherein a pulverized resin material formed by pulverizing a molded product made of a thermoplastic resin material is used as a resin material for forming the core layer, a virgin material is used as a resin material for forming the skin layer, and the resin  
20 material for forming the skin layer is molded using the same type of a resin material as the pulverized resin material.

16. A multilayered structure resin molded product comprising a core layer and a skin layer, wherein said  
25 resin molded product is attached to an apparatus as an external part of said apparatus, and a thickness of said skin layer from a surface of said apparatus is defined

within a range of numerical values by which transmission of the color of said core layer resin material portion is suppressed.

17. The product according to claim 16, wherein said  
5 apparatus is an image forming apparatus, and the resin molded product is an external part of said image forming apparatus.

18. The product according to claim 16, wherein the thickness of said skin layer of said resin molded  
10 product is defined to not less than 0.3 mm.

19. A multilayered structure resin molded product comprising a core layer and a skin layer, wherein when a lightness L of a resin molded portion of said skin layer is not less than 55, the thickness of a surface portion  
15 of said skin layer resin molded portion is defined to not less than 0.3 mm.

20. The product according to claim 19, wherein a coloring component of said skin layer resin molded portion contains a pigment.

21. A multilayered structure resin molded product comprising a core layer and a skin layer, wherein a portion of said resin molded product has a mounting portion for mounting another part, the whole of said resin molded product has a multilayered structure  
25 comprising said core layer and said skin layer, and said mounting portion is made of a skin layer resin material.

22. The product according to claim 21, wherein said

mounting portion is a connecting portion having elasticity.

23. The product according to claim 21, wherein said mounting portion is a screw connecting portion.

5 24. The product according to claim 21, wherein a resin material for forming said core layer of said multilayered structure resin molded product is a recycled resin material obtained by pulverizing a resin molded product.

10 25. The product according to claim 21, wherein the thickness of said connecting portion is set to be smaller than that of a board of said resin molded product.

26. A method of manufacturing a multilayered structure  
15 resin molded product comprising a core layer and a skin layer and having a connecting portion for connecting to another part, wherein a small-thickness portion is formed around said connecting portion of said resin molded product.

20 27. The product according to claim 21, wherein when the thickness of said connecting portion is larger than that of said board, the height of said connecting portion is set to be larger than the thickness of said board by not less than a prescribed value.